## PATENT COOPERATION TREATY

REC'D 0 6 DEC 2004

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

| Applicant's or agent's file reference  |   |                                      |  |  |  |  |
|--|---|--------------------------------------|--|--|--|--|
| 102414-200   | FOR FURTHER ACTION  |                                      | See Form PCT/IPEA/416  |  |  |  |
| International application No.  | International filing date (day/mo   | onth/year)                           | Priority date (day/month/year)   |  |  |  |
| PCT/US04/00527   | 09 January 2004 (09.01.2004)  |                                      | 10 January 2003 (10.01.2003)   |  |  |  |
| International Patent Classification (IPC) or national classification and IPC   |   |                                      |  |  |  |  |
| IPC(7): G06F 17/00, 17/30 and US Cl.:  | 707/1-2, 100, 200, 205; 704/45,   | 46, 58, 61                           |  |  |  |  |
| Applicant  |   |                                      |  |  |  |  |
| COHESIVE KNOWLEDGE SOLUTION  | NS, INC.  |                                      |  |  |  |  |
| This report is the internat<br>Examining Authority under   | tional preliminary examination or Article 35 and transmitted to                                     | report, establi                      | ished by this International Preliminary according to Article 36.           |  |  |  |
| 2. This REPORT consists of a total of 3 sheets, including this cover sheet.  |   |                                      |  |  |  |  |
|  | panied by ANNEXES, compris  |                                      |  |  |  |  |
| a. (sent to the applica  | unt and to the International Bu   | reau) a total of                     | sheets, as follows:  |  |  |  |
|  |   |                                      |  |  |  |  |
| sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). |   |                                      |  |  |  |  |
| sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.              |   |                                      |  |  |  |  |
|  |   |                                      | dicate type and number of electronic                                       |  |  |  |
| carrier(s))  |   |                                      |  |  |  |  |
| as indicated in Administrative In  | the Supplemental Box Relati   | oles related ther<br>ing to Sequence | eto, in computer readable form only,<br>ce Listing (see Section 802 of the |  |  |  |
| 4. This report contains indicate   | ations relating to the following  | items:                               |  |  |  |  |
| Box No. I Basis of the report  |   |                                      |  |  |  |  |
| Box No. II Pr  | riority   |                                      |  |  |  |  |
| Box No. III N  | Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial      |                                      |  |  |  |  |
| I  | plicability ack of unity of invention   |                                      |  |  |  |  |
| Box No. V Re   | easoned statement under Article 35(2) with regard to novelty, inventive step or                     |                                      |  |  |  |  |
|  | dustrial applicability; citations and explanations supporting such statement ertain documents cited |                                      |  |  |  |  |
|  | ertain defects in the international application   |                                      |  |  |  |  |
| Box No. VIII C   | Certain observations on the international application   |                                      |  |  |  |  |
| Date of submission of the demand   | - ".ca.". :. :. :   | o-of-completion                      | of this report -   |  |  |  |
| 04 Avenue 2004 (04 09 2004)  |   |                                      |  |  |  |  |
| 04 August 2004 (04.08.2004)  Name and mailing address of the IPEA/ US  |   | 08 November 2004 (08/11.2004)        |  |  |  |  |
| Mail Stop PCT, Atm: IPEA/US  |   | Authorized officer                   |  |  |  |  |
| Commissioner for Patents   | Safe  | et Metjahić                          | 1  |  |  |  |
| P.O. Box 1450 Alexandria, Virginia 22313-1450  | Jane  |                                      |  |  |  |  |
| Facsimile No. (703) 305-3230   |   | phone No. 703-                       | 305-3900   |  |  |  |
| Form PCT/IPEA/409 (cover sheet)(Januar   | ry 2004)  | /                                    | <del></del>  |  |  |  |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

| International application No. |  |
|-------------------------------|--|
| DCM TTGG LIGGER               |  |

| Box No      | . I Basis of the report  |
|-------------|--|
| 1. With     | regard to the language, this report is based on the international application in the language in which it was unless otherwise indicated under this item.  |
|             | This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:   |
|             | international search (under Rules 12.3 and 23.1(b))  |
|             | publication of the international application (under Rule 12.4)   |
|             | international preliminary examination (under Rules 55.2 and/or 55.3)   |
| jurnis      | regard to the elements of the international application, this report is based on (replacement sheets which have been shed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" are not annexed to this report):  |
| $\boxtimes$ | the international application as originally filed/furnished  |
| $\boxtimes$ | the description:   |
|             | pages 1-93 as originally filed/furnished   |
|             | pages* NONE received by this Authority on received by this Authori |
| <b>5</b> 2  |  |
|             | the claims:  |
|             | pages 94-96 as originally filed/furnished pages* NONE as amended (together with any statement) under Article 19  |
|             | pages* NONE received by this Authority on  |
|             | pages* NONE received by this Authority on  |
|             | the drawings:  |
|             | pages 1-19 as originally filed/furnished   |
|             | pages* NONE received by this Authority on  |
|             | pages* NONE received by this Authority on  |
|             | a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.  |
| 3. 🔲        | The amendments have resulted in the cancellation of:   |
|             | the description, pages   |
|             | the claims, Nos  |
|             | the drawings, sheets/figs  |
|             | the sequence listing (specify):  |
| Ì           | any table(s) related to the sequence listing (specify):  |
| 4.          | This report has been established as if (some of) the amendments annexed to this report and listed below had not been made,   |
|             | since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).   |
| }           | the description, pages   |
|             | the claims, Nos  |
| ſ           | the drawings, sheets/figs  |
|             | the sequence listing (specify):  |
|             | any table(s) related to the sequence listing (specify):  |
| * If iten   | n 4 applies, some or all of those sheets may be marked "superseded."   |
| Form DC     | T/IPEA/409 (Roy No. I) (January 2004)  |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/00527

| Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |   |                                   |  |   |  |  |
|---|---|-----------------------------------|--|---|--|--|
| 1. Statement  | t   |                                   |  |   |  |  |
| Novelty (N)   |   | Claims                            | NONE   | YES   |  |  |
|   |   | Claims                            | 1-16   | NO  |  |  |
| Inventive Step (IS)   |   | Claims                            | NONE   | YES   |  |  |
|   | • • •   | Claims                            |  | NO  |  |  |
| In  | dustrial Applicability (IA)   | Claims                            | 1-16   | YES   |  |  |
|   | addular reppiloaomey (111)  |                                   | NONE   | NO  |  |  |
| [0010]-[0013]<br>[0013]).<br>As per claims<br>[0014] and [00<br>As per claims<br>[0014], [0071]   | 1-3, Sullivan et al teaches universal) "wherein a plurality of second prosection as 4-8, Sullivan et al teaches < fina 080]-[0084]).  3 9-15, Sullivan et al teaches "hard of 1-[0078], and [0155]-[0158].  16, refer to the teachings of claim 1 | ofessional levels uncial concerns | under said first professional level.   | " (see paragraphs [0012]- ices" (see paragraphs [0010]-   |  |  |
|   | NEW CITATIONS   |                                   |  |   |  |  |
| S   |   |                                   | e de la martina de la companya de l<br>La companya de la companya de | e e dos de la composição |  |  |

Form PCT/IPEA/409 (Box No. V) (January 2004)